

CLAIMS

What is claimed is:

1 1. A brake release for a motor chain saw , said brake release having a brake release
2 handle secured to the chain saw and disposed between the chain saw handle and the saw blade of
3 the chain saw, said brake release handle operatively connected to a brake capable of stopping the
4 motion of the saw chain and moveable between a braking position and a ready position whereby
5 said brake is released, said brake release handle manually operable to said brake release position
6 from said braking position,

7 wherein said brake release handle has a front wall facing the saw chain, and a rear wall,
8 and

9 wherein said brake release handle has a light source emanating from said front wall
10 illuminating at least a portion of said saw chain when said brake release is in said ready position.

1 2. The brake release of Claim 1, wherein said chain saw comprises a main motor
2 housing having a braking mechanism for stopping said motion of said saw chain, and wherein
3 said brake release further comprises an extension engageable with said braking mechanism of
4 said housing.

1 3. The brake release of Claim 1, wherein said front wall comprises a translucent
2 material.

1 4. The brake release of Claim 3, wherein said light source is secured behind said
2 translucent material.

1 5. The brake release of Claim 3, wherein said front wall comprises a cover
2 reversibly attached to said brake release handle.

1 6. The brake release of Claim 3, wherein said translucent material is plastic.

1 7. The brake release of Claim 5, wherein said plastic is plexiglass.

1 8. The brake release of Claim 3, wherein said translucent material is glass.

1 9. The brake release of Claim 1, wherein said light source is affixed to a plate
2 secured within said brake release handle.

1 10. The brake release of Claim 9, wherein said plate is attached to an interior surface
2 of said rear wall.

1 11. The brake release of Claim 1, further comprising a power source for supplying
2 electricity to said light source.

1 12. The brake release of Claim 11, wherein said power source is located within said
2 brake release handle.

1 13. The brake release of Claim 11, wherein said power source comprises at least one
2 battery.

1 14. The brake release of Claim 11, wherein said power source is connected to said
2 housing.

1 15. The brake release of Claim 14, wherein said power source is connected to the
2 magneto of said motor chain saw.

1 16. The brake release of Claim 15, wherein said power source further comprises a
2 transformer for adapting electricity from said magneto to a voltage appropriate for said light
3 source.

1 17. The brake release of Claim 1, wherein said light source comprises a light emitting
2 diode.

1 18. The brake release of Claim 17, wherein said light source comprises two or more
2 light emitting diodes.

1 19. The brake release of Claim 1, wherein said brake release handle further comprises
2 a switch for activating said light source.

1 20. The brake release of Claim 19, wherein said switch is located in said rear wall.

1 21. A motor chain saw having a light source in the brake release operatively
2 positioned for illuminating the saw chain while in operation,

4 wherein said brake release comprises a brake release handle secured to the chain saw and
5 disposed between the chain saw handle and the saw blade of the chain saw, said brake release
6 handle having generally planar front wall facing toward the saw chain, and a rear wall, and

7 wherein said light source emanates from said front wall to illuminate at least a portion of
8 said saw chain while in operation.

1 22. The motor chain saw of Claim 21, further comprising a main motor housings
2 having a braking mechanism for stopping the motion of said saw chain,

3 wherein said brake release further comprises an extension engageable with said braking
4 mechanism of said housing, and

5 wherein said brake release handle is manually operable to a brake release position from a
6 braking position.

1 23. The motor chain saw of Claim 21, wherein said front wall comprises a translucent
2 material.

1 24. The motor chain saw of Claim 23, wherein said light source is secured behind
2 said translucent material.

1 25. The motor chain saw of Claim 23, wherein said front wall comprises a cover
2 reversibly attached to said brake release handle.

1 26. The motor chain saw of Claim 23, wherein said translucent material is plastic.

1 27. The motor chain saw of Claim 25, wherein said plastic is plexiglass.

1 28. The motor chain saw of Claim 23, wherein said translucent material is glass.

1 29. The motor chain saw of Claim 21, wherein said light source is affixed to a plate
2 secured within said brake release handle.

1 30. The motor chain saw of Claim 29, wherein said plate is attached to an interior
2 surface of said rear wall.

1 31. The motor chain saw of Claim 21, further comprising a power source for
2 supplying electricity to said light source.

1 32. The motor chain saw of Claim 31, wherein said power source is located within
2 said brake release handle.

1 33. The motor chain saw of Claim 31, wherein said power source comprises at least
2 one battery.

1 34. The motor chain saw of Claim 31, wherein said power source is connected to said
2 housing.

1 35. The motor chain saw of Claim 34, wherein said power source is connected to the
2 magneto of said motor chain saw.

1 36. The motor chain saw of Claim 35, wherein said power source further comprises a
2 transformer for adapting electricity from said magneto to a voltage appropriate for said light
3 source.

1 37. The motor chain saw of Claim 11, wherein said light source comprises a light
2 emitting diode.

1 38. The motor chain saw of Claim 37, wherein said light source comprises two or
2 more light emitting diodes.

39. The motor chain saw of Claim 21, wherein said brake release handle further comprises a switch for activating said light source.

40. The motor chain saw of Claim 39, wherein said switch is located in said rear wall.